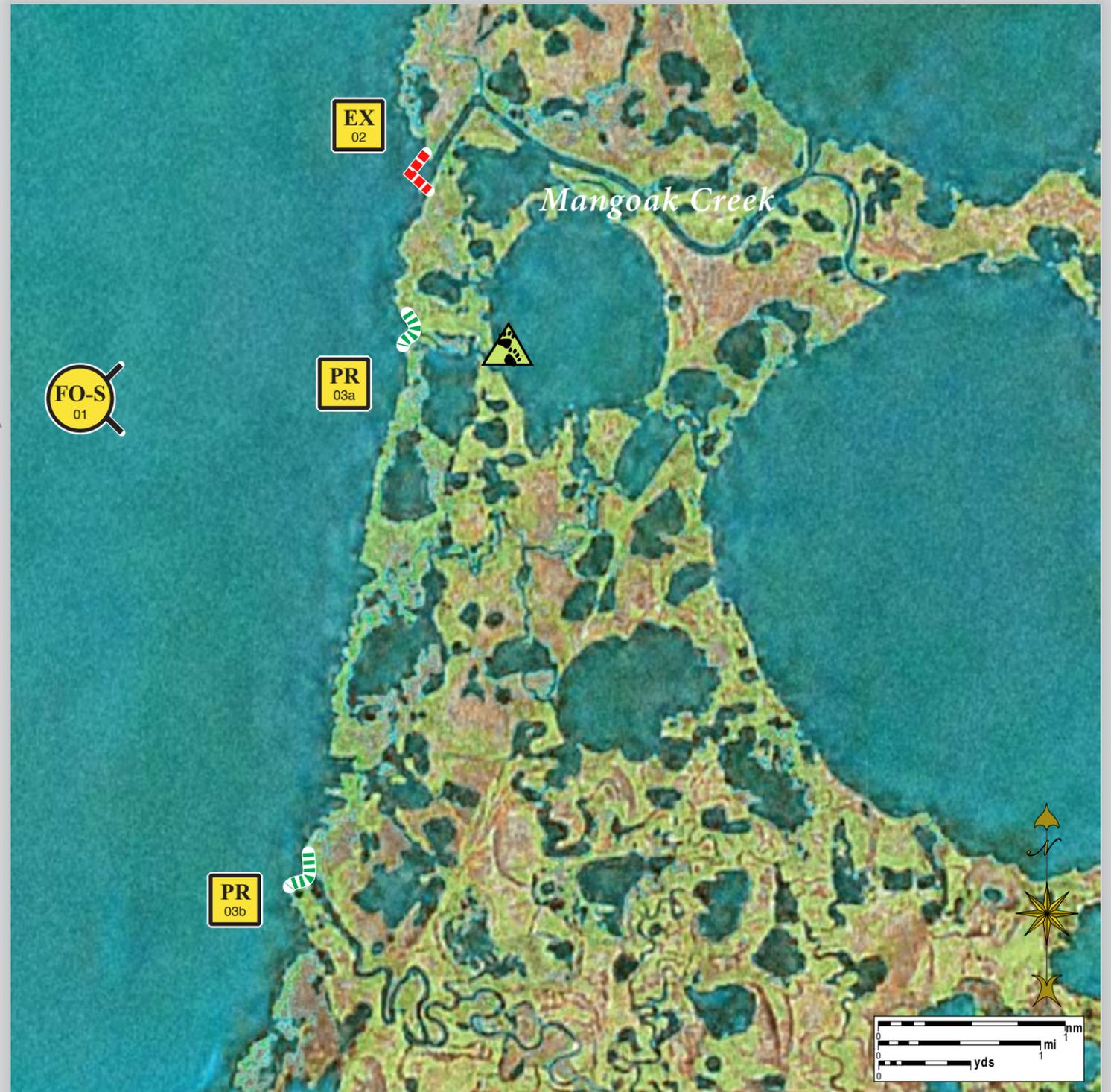
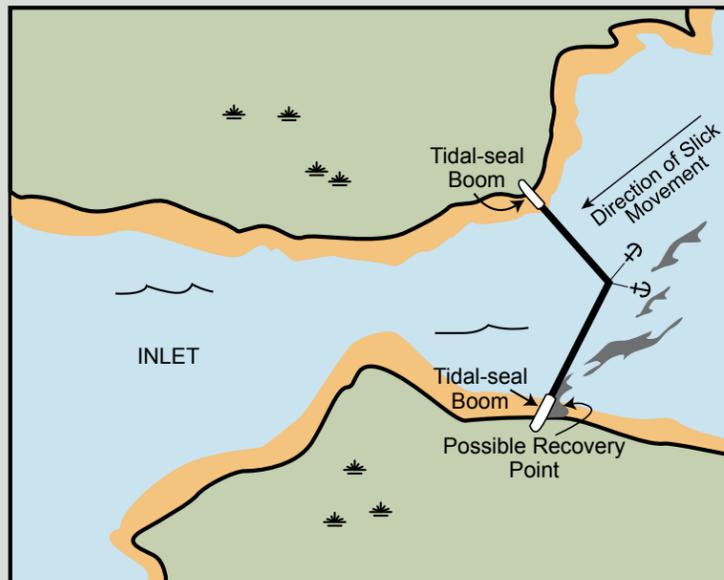
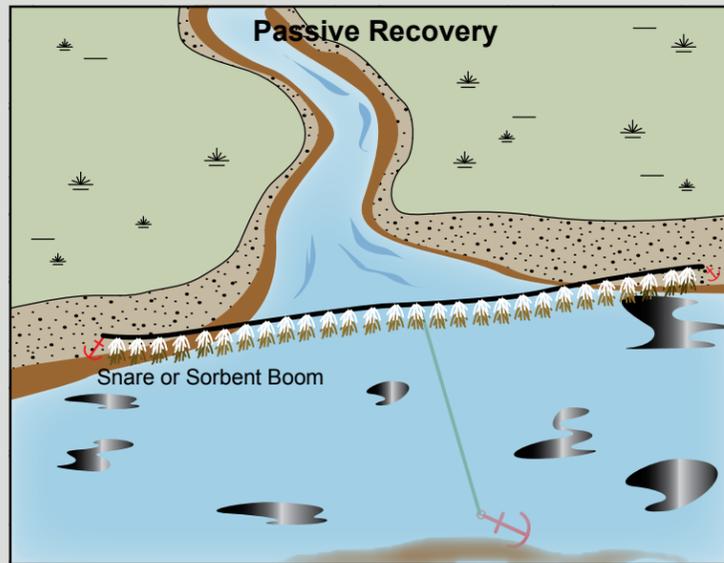


Mangoak Creek, NWA-N16

Center of map at 66° 25'41" N Lat., 160° 14'42" W Lon.

Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone



This is not intended for navigational use.

Map
Legend

- Free-oil Recovery
- Passive Recovery
- Exclusion Booming
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-16-01 	Mangoak Creek Nearshore waters in the general area of: Lat. 66° 28.4 N Lon. 160°16.6 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Mangoak Creek depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Mangoak Creek. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Selawik	Via marine waters Chart 16005	Same as N-16-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-16-02 	Mangoak Creek Lat. 66° 24.73 N Lon. 160°13.06 W	Exclusion Exclude oil from entering the main channel leading into the Mangoak Creek.	Deploy anchors and boom with skiffs (class 6). Place the specified amount of protected-water boom in a slight chevron pattern across the entrance to the stream. Tend throughout the tide.	Deployment Equipment 700 ft. protected-water boom 3 ea. anchor systems 4 ea. anchor stakes Vessels 1 ea. class 6 1 ea. class 3 Personnel/Shift 4 ea. vessel crew Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew	Vessel Platform	Via marine waters Chart 16005	Fish- sheefish, white fish Birds-waterfowl concentration, shorebird concentration Habitat- marsh, low lying tundra, gravel beaches, sheltered tidal flats Human Use: subsistence	Vessel master should have local knowledge. Surveyed: not yet Title 41 permitting required from ADNR. FOSC Historic properties specialist should INSPECT site prior to operations. Tested: not yet
N-16-03 	Mangoak Creek a. Lat. 66° 28.61 N Lon. 160°12.28 W b. Lat. 66° 27.63 N Lon. 160°12.31 W	Passive Recovery Place passive recovery across the Cuts in the banks and the streams in Mangoak Creek area.	Place and anchor snare line or sorbent boom across the channels of streams in Mangoak Creek area. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 700 ft. b. 500 ft.	Deployment Equipment 1200 ft. snare line or sorbent boom 6 ea. anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as N-16-02 Tending Vessels/Personnel/Shift Same as N-16-02	Vessel Platform	Via marine waters Chart 16005	Same as N-16-02	A population of bears may be present in the area. A bear guard is required during shore operations. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.